

North Bay Aqueduct Alternative Intake Project Environmental Impact Report Scoping Meetings

December 7, 2009 - Sacramento

December 9, 2009 - Fairfield

December 14, 2009 - Freeport



ESA is where
solutions and
service meet.

Agenda

- Purpose of Scoping Meeting
- North Bay Aqueduct Alternative Intake Project
- California Environmental Quality Act Process
- Agency/Public Input

Purpose of Scoping Meeting

- Gather input on the scope and content of the North Bay Aqueduct Alternative Intake Project (NBA AIP) Environmental Impact Report (EIR)

Introduction

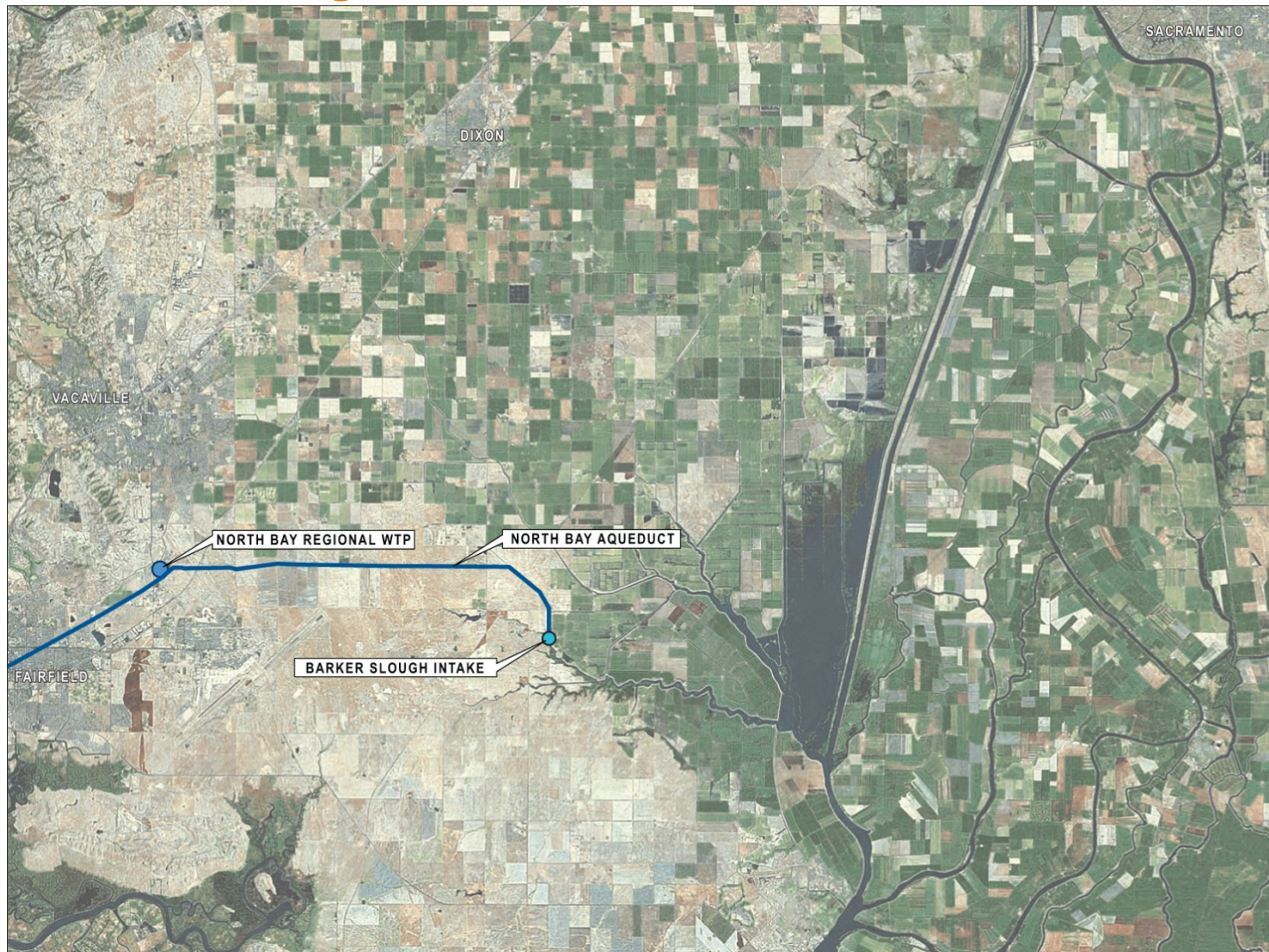
- California Department of Water Resources
 - Applicant and Lead CEQA Agency

- North Bay Aqueduct Contractors
 - Solano County Water Agency (SCWA)
 - Fairfield, Vacaville, Benicia and Vallejo
 - Napa County Flood Control and Water Conservation District (Napa County FC&WCD)
 - Napa, American Canyon, Calistoga

Existing North Bay Aqueduct Facilities and Operations

- Operated by DWR as part of the State Water Project (SWP)
- Provides water to SCWA and Napa County FC&WCD service areas
- Intake on Barker Slough
- 27.6 mile pipeline
 - Connections at Travis Surge Tank and Cordelia Pumping Plant
 - Water treated at the North Bay Regional Water Treatment Plant
 - Terminates at the Napa Turnout Reservoir

Existing Facilities



Facility Limitations

- Water Quality
 - Reduced water quality after rain events due to surrounding agricultural and urban uses
 - Barker Slough habitat for State and federally listed species (delta and longfin smelt)
- Pumping Restrictions at Barker Slough
 - Biological Opinions and Incidental Take Permit requirements for State and federally listed species
- Water Supply Delivery Limitations
 - 175 cubic feet per second design
 - 140 cubic feet per second maximum operating capacity due to bio-film buildup

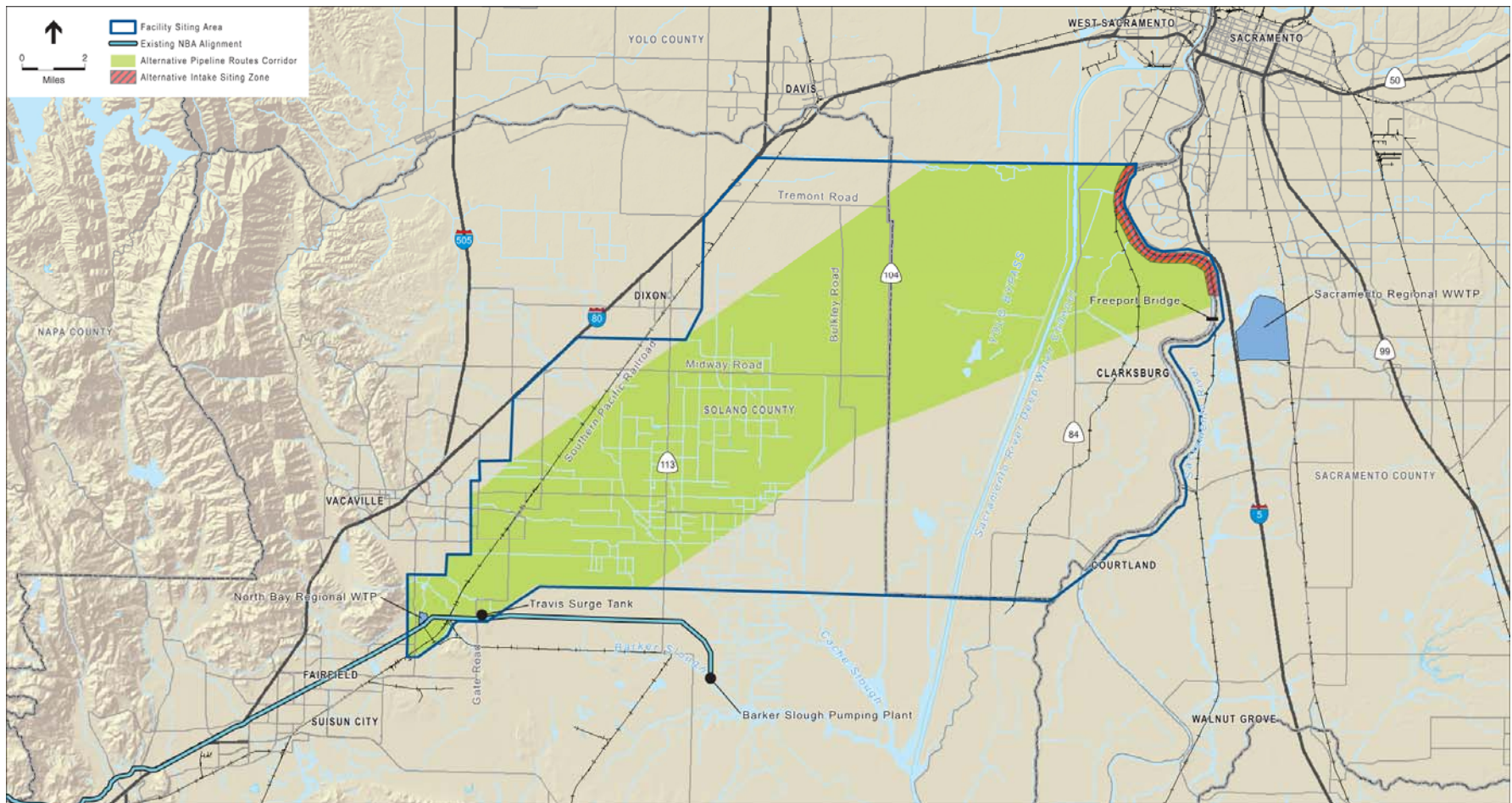
Project Objectives

- Improve water quality deliveries to SCWA and Napa County FC&WCD
- Increase water supply reliability for SCWA and Napa County FC&WCD to meet future water supply demands
 - Up to existing contracts and water rights settlements
- Provide system flexibility in the event of a planned or unplanned operational interruption
- Reduce effects on sensitive species located in project area

Project Description

- Alternative intake structure and pump station on Sacramento River
 - Locate upstream of Sac Regional Wastewater Treatment Plant
 - State-of-the-art fish screens
 - 240 cubic feet per second peak flow capacity
- Pipeline connecting alternative intake with existing North Bay Aqueduct
 - Near the North Bay Regional Water Treatment Plant
 - Estimated 84 inches in diameter
 - 25 to 35 miles in length
- Dual Intake Operation
 - Minimize aquatic impacts
 - Minimize energy demands
 - Provide system redundancy
- Total diversions still capped by existing contracts and water right settlements (131,181 acre-feet per year)

Proposed Facilities



NBA AIP Relationship to Bay-Delta Conservation Plan (BDCP)

- Goal of the BDCP is to provide
 - Delta species/habitat protection
 - Improved reliability of water supplies
- BDCP evaluating range of conveyance options
 - Including new intakes on the Sacramento River connected to a new conveyance facility that would extend south connecting back to the existing SWP/CVP water export systems
- Potential for proposed BDCP and NBA AIP facilities to be integrated
 - Uncertainty about location, timing and implementation of BDCP facilities
- NBA AIP EIR will include alternative that integrates with proposed BDCP facilities

Potential Environmental Effects to be Evaluated in the NBA AIP EIR

- Water resources and water quality
- Delta fisheries and aquatic resources
- Terrestrial biological resources
- Agricultural land uses
- Climate change
- Growth inducement
- Aesthetics
- Air quality

Potential Environmental Effects *continued*

- Cultural resources
- Energy
- Geology and soils
- Hazardous materials/Public health
- Land use and planning
- Noise
- Public services and utilities
- Recreation
- Transportation and circulation

EIR Process and Next Steps

- Public comment period on the NOP
 - November 24, 2009 – January 8, 2010
- Electronic copy of NOP available on DWR's website
 - <http://www.water.ca.gov/publications/browse.cfm?letter=N>
- Scoping Meetings
 - December 7, 2009 – Sacramento (2 – 4 pm)
 - December 9, 2009 – Fairfield (6 – 8 pm)
 - December 14, 2009 – Freeport (6 – 8 pm)

EIR Process and Next Steps *continued*

- Comments on the scope and content of the EIR
 - Must be received no later than 5 pm January 8, 2010
 - Send comments to:

Department of Water Resources
Attention: Rashid Ahmad, Room 538-6
1419 Ninth Street
P.O. Box 942836
Sacramento, CA 95814
rahmad@water.ca.gov

EIR Process and Next Steps *continued*

- DWR will consider all comments in preparing Draft EIR
- Draft EIR anticipated to be published mid-2011
- Public hearings during Draft EIR 45-day public review period
- Written responses to comments on the Draft EIR will be prepared
- Final EIR anticipated to be published mid-2012
- DWR Director will consider certifying EIR and approving project